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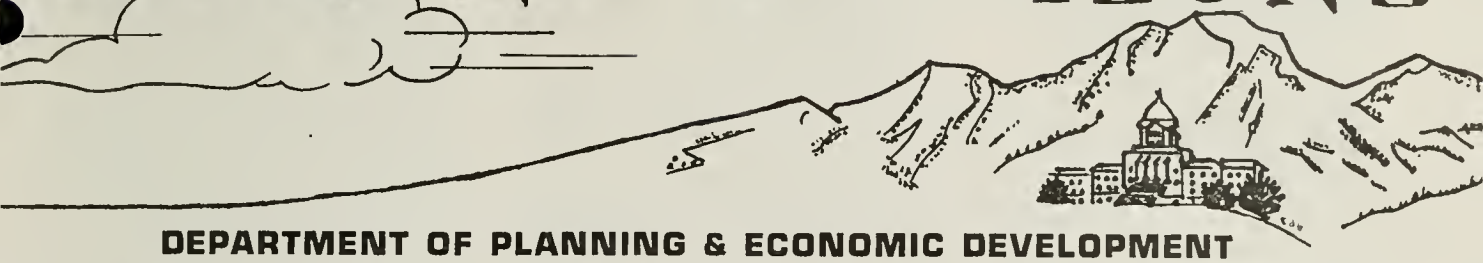
MONTANA HORIZONS



DEPARTMENT OF PLANNING & ECONOMIC DEVELOPMENT

AUGUST, 1968

STATEWIDE PLANNING STUDY

Plans are underway to apply for a state-wide comprehensive program for water and sewer planning.

The application will be directed to the Farmers Home Administration by the planning division of the Department of Planning and Economic Development.

The proposed two-year study will include 49 of the 56 Montana counties, and will tie in directly with the 7 county water and sewer programs either completed or currently underway.

The proposed study is officially billed as a "Comprehensive Statewide Water and Sewer Planning Study," but will also include population, economic base, transportation, land use, community facilities, natural and water resource studies.

Tentative plans include dividing the state into 11 planning areas as follows: Area 1. Lincoln, Flathead, Sanders and Lake. Area 2. Mineral, Missoula, Powell, Granite and Ravalli. Area 3. Deer Lodge, Silver Bow, Beaverhead and Madison. Area 4. Glacier, Toole, Liberty and Hill. Area 5. Pondera, Teton, Lewis and Clark, Jefferson, and Broadwater. Area 7. Gallatin, Park, Sweet Grass, Stillwater, Carbon and Yellowstone. Area 8. Blaine, Phillips and Valley. Area 9. Daniels, Sheridan, Roosevelt and Richland. Area 10. Golden Valley, Musselshell, Petroleum, Garfield, McCone, Dawson, Prairie, and Wibaux. Area 11. Big Horn, Treasure, Rosebud, Custer, Fallon, Powder River, and Carter.

After agreement is reached regarding the county locations in the various areas, planning and engineering consulting firms will be invited to Helena to discuss the proposed work programs and requirements.

No final figure for the total cost of the program is known yet, but it is estimated to be near $150,000, and will be strictly federally-funded .

The importance of the program is that any community, incorporated or unincorporated with a population under 5,500, will be eligible for water and sewer improvements no matter what their population is.

Forestry Grads Like Montana

According to the University of Montana ,one-third of the more than 1,400 graduates of the School of Forestry have taken jobs in Montana, where coincidentally one-third of the school's current student body originates. Dr. Arnold W. Bolle, dean since 1962 of the 55-year-old Forestry school, thinks the trend will be for more graduates to stay because the renewable natural resource action is in Montana and the Northwest. In the 1967-68 academic year, the school enrolled 471 students.

New Planners Added

Louis J. Newsome and Paul A. Carr join the staff of the Department this month as Assistant State Planners to Arthur H. Hartenberger, Chief of the Planning Division.

The new planners were interviewed by the Commissioners at their August meeting.

Both Newsome and Carr are products of Montana Universities, with Newsome a 1967 graduate from the University of Montana holding a BA in Political Science and Economics, and Carr, a 1968 graduate from Montana State University, with a BS in Geography.

Newsome is single and has attended the University of Alaska prior to his enrollment at the University of Montana in 1965. He has also studied architecture and languages in Europe and was a part-time forest firefighter for the Bureau of Land Management while attending college.

Carr is a native of Ohio, is married, and while attending Montana State University has worked part-time in West Yellowstone and Bridger Bowl Ski Area near Bozeman.

The new planners who are federally funded, will concentrate on assisting the more than 100 local com-

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"Community Development"

A committee of consultants on community development has selected four Montana cities for a new planning program .The program will help residents of Havre, Cut Bank, Superior, and Thompson Falls develop local resources. The program sponsored by M.S.U., U. of M. and the State Department of Planning and Economic Development will basically be one of advising the communities on how they can bring about the kind of growth they want.

Part of the consulting program will be to let the towns now what is available to them in the way of local resources, provide enterprise, and state and federal programs.

Members of the Steering Committee are David Wessell, M.S.U. School of Architecture, Arthur H. Hartenberger, Chief, State Office of Planning, Dr. William Evans, Chairman of the Sociology Department, University of Montana, Dr. William Lassey, Sociology Department, M.S.U., and James O. DeBree, Municipal and Community Assistance Specialist with M.S.U. Cooperative Extension Program.

The one-year program is funded through a $17,000 Federal Grant under Title I of the 1965 Higher Educa tion Act matched with an equal amount in state funds.

Tungsten Payroll Half Million Dollars

Some 55 workers are being paid about $500,000 annually at the Calvert Tungsten Mine, and the Minerals Engineering Co., mill in Beaverhead county, according to an article in the Montana Standard.

After being idle for 7 years, the mill is now a 24-hour operation. processing tungsten. Addition of a chemical plant permits production of ammonia perantungstate, a material used in making light bulbs.

Blair T. Burwell is president and chief executive officer of Minerals Engineering Co.

Montana Talc To the Rescue

Most of you remember when an oil tanker wrecked in the San Juan, P.R. harbor and dumped more than a million gallons of crude oil into the water. Pollution of many miles of beaches resulted.

A special type of powdered talc was used to make the oil deposits more viscous and easily removable.

Mistron is the trade name for the material, and it is mined in Montana near Ennis by the United Sierra Division of Cyprus Corp. Processing is done at their plant in Three Forks.

Because Mistron absorbs 70% of its weight in organic matter, such as oil, while at the same time repelling water, it provided a simple and inexpensive method of combatting the oil pollution.

Mr. Jim Poore, manager of the Three Forks operation, stated that it would be good insurance to have supplies of Mistron stockpiled in harbor areas just in case of a similar occurrence.

Tests are being made on another variety of Mistron, coated with zinc stearate. This material can be sprayed on oil slicks to agglomerate the oil particles so that as the mixture reaches shore it is deposited in a more readily collectible form.

About 20 employees are working for this company, which produces principally for the paper market, talc being used widely in this commodity.

RAD Subcommittee Elects New Officers

Rex Campbell, Bozeman was chosen chairman of the Community Development Subcommittee of the Montana Rural Area Development Committee during their July meeting.

Campbell, a community development consultant, is an employee of the State Extension Service.

Appointed Vice-chairman of the Sub-committee for fiscal 1968-69 was Arthur H. Hartenberger, Chief of the Planning Division, Department of Planning and Economic Development.

Other subcommittee members are Dick Setterstrom, Montana Power Co.; Claude Conant, Farmers Home Administration; Don Creel, Small Business Administration; Don Groen, State Chamber of Commerce; William Fredericks, state coordinator of the Office of Economic Opportunity; Jack Hallowell, federal-state coordinator; Vern Griffith, Economic Development Administration; and James Crawford, Bureau of Indian Affairs.

TRY SOME MONTANA PRODUCTS

Some of the manufactured items in the Treasure State were born right here in Montana.

Much credit should be given to the inventors whose creative minds conceived the ideas, and in many cases devised the machinery with which to produce the products of their brainstorm.

Space prohibits a review of all of them, but a random sampling provides some interesting reading.

A submersible pump which operates off the power takeoff of a tractor, is manufactured in Glendive, by the Crisafulli Pump Co., and has multiple uses such as irrigation and fire fighting.

Sam W. Clutton of Great Falls has devised several games, including two new ones called PINATA, and KOMO-DIN. These are family-type card games, and provide lots of fun.

Another Great Falls product is the Iron Hugger. It permits storage on the wall of the housewife's iron, which can be stored even while still hot.

A Livingston man recognized the beauty in the cross-section view of pine cones and walnuts. Accordingly, he makes jewelry items from these products of nature.

Japanese Company Wants Imports

A letter from the Aoyama Industry Co., of Tokyo, indicated their interest in importing from this country, Industrial machines and tools, general household goods, and any novelty items and sundries.

This same company exports radios, tape recorders, electronic components, radar equipment, car accessories, and general merchandise.

Montana manufacturers who are interested in doing business with this firm should write to Aoyama Industry Co., Ltd. C.P.O. Box No. 1096, Tokyo, Japan.

Black Gold Flows

According to the June report of the Oil and Gas Conservation Commission, received recently by this department, an increase was shown over May of some 7,084 barrels of crude oil and condensate from the oil and gas areas of Montana.

The June average was 144,934 barrels.

Still another resident of Livingston has a hand-truck with a motor on it. Its purpose is to lift heavy loads and transport them short distances, and deposit them on a higher or lower level.

From Stevensville comes a survival packet for outdoorsmen. It contains plastic items to provide shelter, and warmth, and to signal for assistance.

Incense with an odor typical of the west, is made in Columbia Falls. The smell of redwood, cedar, balsam or fir, is delightful.

A myriad of fishing supplies abound in Montana, made by experts in angling. Hundreds of flies and lures are available, which leaves the selection of the right one to the Isaac Walton of the sport. One item in particular is a non-snagging sinker which prevents the loss of lures and hooks by entanglement on the rocks below water.

A lady at Hot Springs has perfected a paste cleaner called Can-Do. It does a remarkable job of cleaning appliances, ovens, painted surfaces, mirrors, white side-wall tires ,and mechanics hands.

We could go on and on, but space doesn't permit. The important thing is that the Treasure State has many inventive minds, and many more who follow through with a good idea by merchandising and selling.

Whenever you notice a product made in Montana, be sure to look it over carefully. Support Montana-made products whenever you can.

Will Strip Colstrip Coal

The April issue of HORIZONS carried an item about Montana Power Company's use of coal from Colstrip for their generating plant in Billings.

Recently the AP disclosed that the Peabody Coal Co., would supply coal to the Minnesota Power & Light., starting next spring. By 1973, the shipments are expected to be up to 48,000 tons per week.

Peabody will start immediately to uncover its coal deposits south of Colstrip in preparation for coal shipments to begin in the spring.

This should be a major breakthrough in the development of Montana's great coal resources.

Although no indication was given in the AP story of the number of new jobs to be created by Peabody's operations, it is assumed that employment will be created to sustain 15 families. This figure is based on the number of new jobs thought to be provided by the Montana Power Company operation.

New Towns

By Arthur H. Hartenberger, Chief, Planning Division

Today in America in one direction we watch our great metropolitan areas get larger while in the other direction we watch our small towns grow smaller. We have not taken any real measures to stop this growing imbalance, a very precarious one indeed. Almost every day all one has to do is open up the daily newspaper and readily observe our metropolitan urban dilemma.

Fortunately, here in Montana we don't know the meaning of real metropolitan problems. This is not to say that the day will not come when we may. Montana must be ready for this great population surge out of the great cities of America and back into the small towns and even into the new towns that must be built.

I believe that new towns will be created in Montana. I believe that existing towns will have whole new sections added on to them — sections large enough to be considered new communities.

The location of new towns should involve a depth examination of the kinds of economic activity that could be attracted to potential sites. Montana has the potential for example of entirely new self-contained and self-supporting recreation towns. What state in all the 50 can match Montana in recreation potential? I believe that soon many Americans will both want and be able to afford to live, work and play in well-planned recreation towns. Montana must now prepare for this new form of economic activity.

What about other special purpose new towns in Montana? I believe that we will have new industrial towns. new retirement towns, new government towns and so on.

A new town program could provide a tremendous stimulus to the kind of research and development we so desperately need to bring to bear on our urban problems.

The federal and state governments also could aid and influence the new towns' development by strategic placement of its public works. The state has a variety of supportive tools at its command — the building of roads, of colleges and universities, of water systems, of airports. The federal government has its highways, jetports, military bases ,and other installations. We need only look as far as the NASA center to see the sheer city-creating power of such public projects. It is a power that must be put to environmental use. We must prepare Montana with sound and effective planning for these potential uses. We must be ready!

If any one objective could be singled out in new town planning, I think it would be that of creating a community environment. This should be considered in its broadest context to include the physical, social, and economic aspects of life. The viable community should be one which contains within its identity, and to the degree possible, all the elements necessary to its daily life. In an economic sense, this would include the variety of industry necessary for its service and sustenance. Adequate housing should be within reach of the less affluent as well as of the wealthy. And the pattern of development should be predetermined toward achieving optimum convenience in the day-to-day life of its people.

I believe that we can achieve this realization here in Montana and thereby preserve this so important "town identity". But we must begin now — and we must be ready.

Montana C of C Proposes Tour

Don Ulrich of the Industrial Committee of the Montana State Chamber of Commerce made a proposal to the State Department of Planning and Economic Development Commission at their August meeting.

Ulrich, along with Del Siewart and Don Groen of the Chamber, suggested there be a series of industrial development recruiting tours outside Montana and a foreign trade development tour.

He stated that building of good relations could be built with companies presently operating in Montana, and tourist-recreation promotion.

Looking toward the winter months of 1970 as a tour date, the Chamber representatives said that a foreign trade development group may be designated an official trade mission by the federal government.

Fertilizer Makes For Better Yield

Proper application of the right amount of fertilizer will mean more money in the farmer's bank account. This has been studied in depth by scientists ,and with proven results.

Vestal Herschberger of Denton decided to go into business for himself based on his belief in the use of fertilizer.

Opening the Nutro-Grow service, he installed an Aqua Converter, which makes a hydrous ammonia into aqua ammonia. Being stable, it then can be hauled in tanks and applied as the summer fallow is being worked.

To prove his point, Herschberger ran a test plot near his ranch, and found that application of nitrogen at a cost of $7.40, meant an increased yield of $14.40.

Although it is a one-man operation now, Herschberger has hopes of it becoming an industry large enough to justify hiring several workers.

GAFB Outlook Good

President Johnson has assured Senator Mansfield that he will spare no effort to search for a solution so that the Glasgow Air Force Base can remain a valuable resource for Montana, the Region and the Nation.

In a letter to Montana's Senator, the President stated that he had asked Secretaries Clifford and Wirtz to "explore on an expedited basis, every possible constructive approach to put this $100 million facility to its highest and best long-term productive use."

The two secretaries referred to are of Defense and Labor.

The Chief Executive's letter was in reply to one from Mansfield in which he requested an early decision on the matter. The Senator stated: "A review of AVCO's cost proposal shows a two-year net cost of $7,553,160 to produce a trained work force of 1100 to 1200 workers and create a number of jobs at Glasgow under private industry. Families from the unemployed or underemployed of the area, including Indians, and workers requiring educational and vocational training or upgrading would benefit. This appears to be in complete conformity with programs initiated by you and your Administration."

Mansfield referred to the California aviation firm, AVCO, which has proposed to use part of the facility to train personnel and to manufacture wing sections.

A lot of effort has been expended by the citizens of Glasgow, Governor Tim Babcock, State Department of Planning and Economic Development, its former director Samuel J. Chapman, Montana's congressional delegation, and many individuals toward preservation of the Base. Converting it to civilian use would be a boon to Montana's economy.

Hires New Information Chief

Thomas Dundas has been hired as the new Chief of the Information Division by the Commission at their August meeting.

He is a native of Great Falls, and comes back to Montana from Southern California where he has been associated with the McDonnell Douglas Corporation as a Branch Manager of Management Technology in the Information Systems Division.

Dundas, 40, is married and the father of three children. He attended Great Falls High School and Montana State University where he received his B.S. in Mechanical Engineering in 1954. During 1957-58, he attended the University of Graz in Austria studying the German language.

UNDERGROUND INDUSTRY

An article in the June issue of AREA DEVELOPMENT magazine describes how some industries have been established below the surface in areas which have been dug out of the side of a cliff.

In some instances, existing caverns, created by rock quarrying, are used.

One facility is a cold storage operation in a 100-acre underground cavern.

The article describes how parking facilities are provided, the vibration-free environment for heavy machinery, the attractiveness maintained by proper decorating and lighting, and the low costs of heating and air conditioning.

The hub of this type of development is the Kansas City area, with others in the middle west.

With the abundance of mountains in Montana, industrialists might give consideration to this type of housing for manufacturing.

NEW PLANNERS ADDED

(Continued from page 1)

munities in organizing city-county planning boards, in addition to assisting those 25 already organized in the preparation of operating budgets necessary to carry out the functions of a planning board. In addition, they will aid the planning boards in setting goals and objectives for carrying out city planning, educating the citizenry as to the positive benefits of city planning and gaining favorable publicity and support for contemplated planning and development programs.

Commissioners Appoint Ruffatto

At their August meeting the Commission members elected John Ruffatto of Missoula to serve as Vice-Chairman of the Department of Planning and Economic Development. He succeeds W. L. (Bill) Holter of Glasgow, who resigned the post, but who indicated he would continue to serve as a Commissioner.

Ted Sorenson, of Dutton, was elected Secretary of the Commission and, like Ruffatto, will serve for 1 year.

The other Commission member, Dale Hawkins of Billings, was reappointed by Governor Babcock in May to serve another 5 years.

NEW COMPLEX NEAR CUSTER

Within a matter of months, work is expected to begin on a $1,500,000 lodge - restaurant - grandstand on the Crow Indian Reservation near Custer Battlefield.

Through a grant of over $1 million, and a loan for the balance, from the Economic Development Administration, the complex will be financed.

WINTERTIME FUNTIME

Many people who used to dread the end of summer, now look forward to a heavy snowfall. These are Snowmobile enthusiasts, who are increasing in number at a phenomenal rate.

Recently the Montana State Chamber of Commerce conducted meetings in West Yellowstone and in Polson attended by those interested in this new winter sport.

It was disclosed that manufacturers had received firm orders for 174,000 vehicles for delivery this fall. This is about double the number sold last year in the country.

Attendees at the two meetings discussed the possibility of legislation to regulate the snow vehicles, and make them safe for family fun and enjoyment.

It was reported that, among others, a planned snowmobile trail from Bozeman to West Yellowstone would attract many to view the magnificent scenery in the wintertime.

Besides the actual sale of the machines, many other elements enter into the economy of the sport, such as clothing, service, food items, first aid kits, cameras, two-way radios, and even a new magazine. Bob and Roger Fairbanks of Eureka are putting together the Western Sno-Madness magazine, which they say will create employment for about 12 people, including writers, photographers, and additional help for the publisher in Kalispell.

This magazine will deal with winter sports of all kinds ,and the first issue scheduled for September, is expected to total 10,000 copies.

Another project funded by the EDA is a $600,000 grant and loan to the Fort Belknap Indians to provide facilities for an air industrial park, including an air strip, access road, and water and sewer systems.

Montana Horizons

Bi-Monthly Newsletter — AUG. 1968

Reports on business concerns appearing in this publication do not constitute an endorsement of either the concern named or its products. Statements in this newsletter do not reflect Board policy unless official action is reported.

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